

022704



17157 U.S. PTO

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22387 U.S. PTO  
10/789567



022704

**PATENT**

Attorney Docket No. TRW(TE)6936

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of Inventor(s): **Xing Ping Lin**

For (title): **MULTIPLE COIL ANTENNA FOR A TIRE PARAMETER SENSING  
SYSTEM WITH INDUCTIVELY COUPLED TIRE-BASED UNITS**

Enclosed are:

**1. Papers Required for Filing Date Under 37 CFR 1.53(b):**

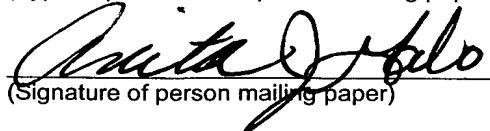
- |                                     |                        |
|-------------------------------------|------------------------|
| <u>21</u>                           | Pages of specification |
| <u>1</u>                            | Pages Abstract         |
| <u>5</u>                            | Pages of claims        |
| <u>3</u>                            | Sheets of drawing      |
| <input checked="" type="checkbox"/> | formal (Figs. 1-6)     |
| <input type="checkbox"/>            | informal               |

In addition to the above papers there is also attached: **An executed Information Disclosure Statement (2 pgs.); PTO-Form 1449 (1 pg.) citing SEVEN (7) references.**

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date **February 27, 2004** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EU-712715485US** addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**Anita J. Galo**  
(Type or print name of person mailing paper)

  
(Signature of person mailing paper)

2. **Declaration or oath:**

☒ Enclosed (Executed)

☐ Not Enclosed.

3. **Language:**

☒ English

☐ Non-English

☐ A verified English translation of the

☐ specification and claims

☐ declaration

is attached.

4. **Assignment:**

☒ An assignment of the invention to TRW Automotive U.S. LLC and

Michelin Recherche et Technique S.A.

☐ is attached.

☒ will follow

5. **Certified Copy:**

Certified copy (ies) of application (s)

|           |              |         |
|-----------|--------------|---------|
| (Country) | (Appln. No.) | (Filed) |
|-----------|--------------|---------|

|           |              |         |
|-----------|--------------|---------|
| (Country) | (Appln. No.) | (Filed) |
|-----------|--------------|---------|

|           |              |         |
|-----------|--------------|---------|
| (Country) | (Appln. No.) | (Filed) |
|-----------|--------------|---------|

from which priority is claimed

☐ is attached

☐ will follow

6. **Fee Calculation:**

(Small entity filing fee is 50% normal fee)

| CLAIMS AS FILED                     |              |       |              |                  |
|-------------------------------------|--------------|-------|--------------|------------------|
| Number Filed                        | Number Extra |       | Rate         | Basic Fee        |
|                                     |              |       |              | <b>\$ 770.00</b> |
| Total Claims                        | 14           | -20 = | 0 X \$ 18.00 | 0.00             |
| Independent Claims                  | 2            | - 3 = | 1 X \$ 86.00 | 0.00             |
| Multiple dependent claim(s), if any |              |       | 0 + \$290.00 | 0.00             |

- ☐ Amendment canceling extra claims enclosed
- ☐ Amendment deleting multiple dependencies enclosed
- ☐ Fee for extra claims is not being paid at this time

Filing Fee Calculation

**\$770.00**

7. **Small Entity Statement**

- ☐ The present application is being filed by or on behalf of a **small entity** as defined in 37 CFR 1.9 and 1.27 for purposes of paying reduced fees.

8. **Fee Payment Being Made At This Time:**

Enclosed:

- ☒ basic filing fee **\$770.00**
- ☐ assignment recordal fee \$ \_\_\_\_\_
- ☐ for processing an application with a specification in a non-English language \$ \_\_\_\_\_

**Total fees enclosed**

**\$770.00**

9. **Method of Payment Fees:**

- ☒ check in the amount of **\$770.00** enclosed.
- ☒ The Commissioner is hereby authorized to charge any **DEFICIENCY** in the filing fees for this application to our Deposit Account No. 20-0090.

10. **Instructions As to Overpayment:**

- ☒ refund

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SIGNATURE OF ATTORNEY, REG. NO. 29,709

Barry L. Tummino  
Type or print name of attorney